Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 / 1 / Loads: 4 / to 4 /  Area(s) Worked: N 28° 55' W 95° 17°
Weather Conditions: Mostly (/a) / Descriptions
Weather Conditions: Mostly Cloudy, Seas rough, wind 10-20 Kn.  Range of H <sub>2</sub> O Temperature: Surface 69° Below Mid-Depth 67
Condition of all screening apparatus:
Are there incidents involving endangered or protected species? Yes
Comments (type of material being dredged, biological specimens, etc.):
Material dedged consisted of Muds-clay
Debris included clay, Rope, Fishing line, war,
NO Bidgical Material was Found in the Screening Apparatus
THE STAN draghed is in Need of Repair
Bridge Watch Summary
Species # of Sightings # of Animals Comments  **Dume: (2005) **Animals that Start
Numerous Animals that Stay  Or Cound the ENDS OF the  JEtties
Observer(s) On Duty: STACIE Knight Kelle Sprague

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: $\frac{4}{2}$	$-197 \qquad \text{Loads: } 8-9$
Area(s) Worked:_	N 28'55' W95'15
Weather Condition	ns: cloudy, seas 2-5', wind 5-20Kts
	mperature: Surface Below Mid-Depth 1071
Condition of all so	creening apparatus: 6000
Are there inciden	its involving endangered or protected species? Yes No
Comments (type o	f material being dredged, biological specimens, etc.):
Material	dredged was mud + clay.
Delaris o	bund in dragheads "screening included:
dan	+ cose 4 trasta
No bioto	gical material found today.
	<u> </u>
5TBD 4 A	DRT Dragheads arms in need of repair. Left for
dockin	Calvestor at 1030 for repairs.
	•
	Bridge Watch Summary
Species /	# of Sightings # of Animals Comments
$-\Phi$	
Observer(s) On Duty	v: Leslie Sprague / Strucje Knight
	and the state of t

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge PADRE ISLAND / NATCO

Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4/3	197	Loads:			
Area(s) Worked:					
Weather Conditions					
Range of H <sub>2</sub> O Temp	perature: Sur	face	В	elow Mid-Depth	
Condition of all screen	ening apparatu	is: <u>600D</u>			****
					<del></del>
	Are there incidents involving endangered or protected species? Yes NoX				
Comments (type of	material being	dredged, biological	l specimens, etc	2.):	
Dredge	in (	alveston	at d	ock for repa	165.
***		<del></del>			
***************************************	***************************************				
***					
				***************************************	
		Dridge Wet	oh Cumman		
Species	# of Sighting	s # of Animals	ch Summary Comments		
			Comments		
	-				
<del>(/)</del>		-			
<del></del>					
/ Observer(s) On Duty:					
					<del></del>

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 14 197 Loads: # 10
Area(s) Worked: $N 28^{\circ}56' W95^{\circ}W$
Weather Conditions: OVE CAST Seas 2-4 was 10-15 Kats  Range of H <sub>2</sub> O Temperature: Surface Below Mid-Depth 68 F
Range of H <sub>2</sub> O Temperature: Surface Below Mid-Depth 68
Condition of all screening apparatus:
Are there incidents involving endangered or protected species? Yes No
Comments (type of material being dredged, biological specimens, etc.):
Epairs were Made in Galveston and Predge Cotice
to Freeport at 20:00
•
The debris Found included rope, Nets, and
- TrasH.
No Brological dobge was Found
1
Poide Week o
Bridge Watch Summary  Species # of Sightings # of Animals Comments
Species # of Sightings # of Animals Comments
Observer(s) On Duty: DANO LESTIC SPRAGUE

ENDANGERD SPECIES OBSERVER PROGRAM Dredge PADRE ISLAND / NATCO

Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4151	$97  \text{Loads:} \pm 11 + 0 \pm 18$
Area(s) Worked:	N 28°56' W 95°18
Weather Conditions:	cloudy, Seas rough who, Wind 5-30 Kaels  ature: Surface 70°, Below Mid-Depth 68°
Range of H <sub>2</sub> O Temper	ature: Surface 70°, Below Mid-Depth 68°
Condition of all screen	ing apparatus: 600
•	volving endangered or protected species? Yes
Comments (type of ma	terial being dredged, biological specimens, etc.):
Materia	I dredged was And with clay
- Debris 10 trash,	Ine and grass.
-	
NO Die	ological debris was Found.
7	
	•
94 - Landerson	
	Bridge Watch Summary
Species #	of Sightings # of Animals Comments    3   located at the Figure VEHy
<i>j. 1</i>	
Observer(s) On Duty:	LESLIE SPRAgue & STACIE KnighT

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 1 6	5'/ Loads: #/9 60 # 30
Area(s) Worked:_	
Weather Condition	ns: clear, sos calm, wind 5-10 knots
Range of H <sub>2</sub> O Ter	mperature: Surface 72° Below Mid-Depth 69°
	creening apparatus: 600
Are there inciden	its involving endangered or protected species? Yes
	of material being dredged, biological specimens, etc.):
156	Material dredged was Mid and clay
DeBr	is Found in dragheads & Screening
	included, Clay, Roje, Nets, Cloth, Pla.
	and word
Biolo	ogical material Found consisted of who
ans	Telly Fish
1	
	Bridge Watch Summary
Species	# of Sightings # of Animals Comments
-iv	Found in the channel
į	
Observer(s) On Duty	1: Leslie Sprague & Stucie Knight

Dredge PADRE ISLAND / NATCO

Freeport Harbor Entrance - USACE, Galveston District - 1996

#### **WEEKLY SUMMARY**

Dates: 9 1 1 1 7 - 9 1 6 1 97 Loads: 27 6 4 50
Range of H <sub>2</sub> O Temperature: Surface 69-72° F Below Mid-Depth 67°-69° F
Area(s) Worked: N 28° 56' to W 95° 18'
Are there incidents involving endangered or protected species? Yes
All succenting Appendius are in good Condition
Bridge Watch Summary  Species # of Sightings # of Animals Comments  Tucsiaps t. 4 5 OFten are Seen Near the End of  THE JETTY
Observers On Duty: Leslie Spraque Stack Knight

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4/ =	+ , 97 Loads: $31 - 33$
Area(s) Worked:	J 28°56' W95'17'
Weather Condition	ns: Clear, wind calm - 30 K+5, swells 2-3'
Range of H <sub>2</sub> O Ten	nperature: Surface 71° F Below Mid-Depth 68° F
Condition of all sc	reening apparatus: <u>GOOD</u> + Clean
Are there inciden	ts involving endangered or protected species? Yes No
Comments (type o	f material being dredged, biological specimens, etc.):
Material	dredged was mud a clay.
Debris	in dragheads + screening: cloth, rope, plastic, wood + fr
	J
No biolo	gical material tound.
Ocada	went into dock for fuel at 0600 & resumed dredging
at 2	335
<u> </u>	
	<u> </u>
	Bridge Watch Summary
Species	# of Sightings # of Animals Comments
$-\varphi$	
•	
Observer(s) On Du	y: Stacie Knight

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 18	197 Loads: # 34 .60 # 47
Area(s) Worked: N	29°56° U95
Weather Conditions:	Overcast, seas 4-5, wind 10-20 Knots
Range of H <sub>2</sub> O Tempe	erature: Surface 72° F Below Mid-Depth 70° F
Condition of all scree	ning apparatus: Good
Are there incidents i	nvolving endangered or protected species? Yes No
Comments (type of m	aterial being dredged, biological specimens, etc.):
- Mate	rial dredged was Mid + Clay
Mater	
	ne, wood,
Broky	real material Found was I Fish, Jelly Fish
4	
**************************************	
H-1	
	Bridge Watch Summary
Species_	# of Sightings # of Animals Comments
TE	5 Near Jetties
-	
Observer(s) On Duty:	Stacie Knight, Leslie Sprague
	0

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Pate: 4 17 197 Loads: #48 60 #62
rea(s) Worked: N 28°56' W 95°18'
Veather Conditions: Overcust, seas 2-3 swalls, wind 5-dok+s
ange of H <sub>2</sub> O Temperature: Surface 70 Below Mid-Depth 68
ondition of all screening apparatus: Good
re there incidents involving endangered or protected species? Yes  omments (type of material being dredged, biological specimens, etc.):
Material dradged consisted of Mud + Clay
Debris Found was wood, clath, trash, Net & line
No Biological Materialus Found
Starbard screens had to be open often in Mol-bad due to packed clay.
to packed clay.
Bridge Watch Summary
recies # of Sightings # of Animals Comments
It S Numeras outside of Jetlies
oserver(s) On Duty: Leslie Sprague + Stacie Knight

Dredge PADRE ISLAND / NATCO

Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 1 10 1 97 Loads: #63 to # 79
Area(s) Worked: N 28° 56' W 95° 18'
Weather Conditions: Clear, seas 2-4', wind 5-10 Kts
Range of H <sub>2</sub> O Temperature: Surface 70° F Below Mid-Depth 70° F
Condition of all screening apparatus:
Are there incidents involving endangered or protected species? Yes
Comments (type of material being dredged, biological specimens, etc.):
Comments (type of material being dredged, biological specimens, etc.):  Material dredged was mud + clay
Debris Found consisted of wood, Vackilline,
trash
Redonal son of the
Biological specimens Found: JElly Fish
STBD sceens Had to often Be opened & cleaned during the load due to packed day
- during the load due to packed day
Bridge Watch Summary
Species # of Sightings # of Animals Comments
16 2 NAMEROUS 11 Channel
Observer(s) On Duty: Leslie Strague Stacie Knight

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4//	197 Loads: #80 to #95
	N2856 W 950/8
Weather Condition	ons: Overcast, Lightening Seas 3-5', wind 10-201
Range of H <sub>2</sub> O To	emperature: Surface 72 F Below Mid-Depth 68 F
Condition of all s	screening apparatus:
Are there incide	nts involving endangered or protected species? YesNo
Comments (type	of material being dredged, biological specimens, etc.):
M.	sterial dredged was Mud + clay
D =	Br - Friend /
UE	Bris Found consisted of wood, rocks, trash,
	secor and
Bi	ological specimens seed ! JElly Fish
•	1 Jelly 1 ish
ON_	several Loads observations had to Be
	Place from the Bridge due to severe
	Lightening
	Bridge Watch Summary
ecies	# of Sightings # of Animals Comments
16	2 in the channel
	, "
server(s) On Duty	: Leslie Sprague Stacie Knight
•	: Usire Sprague Stacie Knight

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 1/2 197 Loads: # 96 to # 1/1
Area(s) Worked: N 28° 56' W 95°18'
Weather Conditions: Overcast, seas 2-4' wind 25-30 Kts
Range of H <sub>2</sub> O Temperature: Surface 70° F Below Mid-Depth 68° F
Condition of all screening apparatus: 600
Are there incidents involving endangered or protected species? Yes
Comments (type of material being dredged, biological specimens, etc.):  Material dredged was Mud & Clay
The state of the s
Debris Four consisted of trash line sword
Biological specimens seen were cannonball Jellyfish
UE/IY/18h
· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·
Bridge Watch Summary
species # of Sightings # of Animals Comments  4 9 Commonly Seen at End of
-19
Observer(s) On Duty: Leslie Spraque, Stacie Knight

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 / 131	$\frac{97}{1000}$ Loads: $\frac{112}{100}$ to $\frac{112}{100}$	
Area(s) Worked:	V 28°56' W 95°18'	
Weather Conditions:	Overcast, seas 2-4' wind 15-25 Kts	
Range of H <sub>2</sub> O Tempera	ture: Surface 70° F Below Mid-Depth 67° F	
Condition of all screen	ng apparatus: Good	···
200000000000000000000000000000000000000		
Are there incidents in	volving endangered or protected species? YesNo	
Comments (type of mat	erial being dredged, biological specimens, etc.):	
- Material	dredged was Mud + day	
Drog.		
- DEUKIS	Found included couptrap, wood, line, trash,	
- Brologs	eal specimens goen: Jelly Fish	
Dielig	at specific getto. Others	
_		
		_
	·	
	Bridge Watch Summary	
Species #	of Sightings # of Animals Comments	
Tr -	3 Many outside of chamel	
Observer(s) On Duty:	Estre strague Stacie Kright	
· · · · · · · · · · · · · · · · · · ·		_

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

#### WEEKLY SUMMARY

Dates: 4 / 7 / 97 - 4 / 13 / 97 Loads: #3 to 125
Range of H <sub>2</sub> O Temperature: Surface 72°-70° F Below Mid-Depth 70° to 68° F
Area(s) Worked: N 28° 56' to w 95° 18'
Are there incidents involving endangered or protected species? Yes No_X
Comments:
-MATERIAL DREDGED WAS MUD and Clay
·
- DEBRIS FOUND IN DRAGHEADS & SCREENING : Cloth, Plastic, Wood, trash, NET, Line,
wood, trast, NET, Line,
- BIOLOGICAL Material Found included Fish, JEllyFish
- All SCREENING APPARATUS MM 15 IN GOOD CONDITION
- SCREENS HAD TO BE OPENED AND CHEANED DURING LOCALS
DUE TO PACKED CLAY
•
Bridge Watch Summary
Species # of Sightings # of Animals Comments
Terryportes 19 Numerous commonly seen outside of THE
JETTIES
Observers On Duty: LESLIE SPRAGUE, STACIE Knight

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 1 15 1 97 Loads: # 143 +0 # 157  Area(s) Worked: N 28°56' W 95°18'  Weather Conditions: Partly Cloudy, Seas 2-3', Wind 10-15 KNOTS
Area(s) Worked: N 28°56' W 95°18'
Weather Conditions: Partly Cloudy, Seas 2-3', wind 10-15 KNOTS
Range of H <sub>2</sub> O Temperature: Surface 69° F Below Mid-Depth 6° F
Condition of all screening apparatus: 6-00d
Are there incidents involving endangered or protected species? Yes No
Comments (type of material being dredged, biological specimens, etc.):
- Moterial DREDGED Was MUD + clay
,
- DEBRIS FOUND IN DragHEADS & SCREENS included:
trash, wood,
- Biological Material seen consisted of Fish, EEL, CANDON BALL JELLYFISH
EEL, CANDON BALL JELLYFISH
- NO ENDANGERED OR PROTECTED SPECIES WERE SEEN
FROM THE BRIDGE
Bridge Watch Summary
Species # of Sightings # of Animals Comments
Observer(s) On Duty: Leslie sprague / Stacie Knight

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge PADRE ISLAND / NATICO

Freeport Harbor Entrance - USACE, Galveston District - 1996

11 10 1 10 1 158 to # 171
Date: 4 16 197 Loads: 58 to # 171  Area(s) Worked: N 28°56' W 95° 18'
Area(s) Worked: 1/2 48 56 W 15 17
Weather Conditions: Clear, Calm Seas, Willa 3-13
Range of H <sub>2</sub> O Temperature: Surface 77 Below Mid-Deput
Condition of all screening apparatus: Good
Are there incidents involving endangered or protected species? Yes NoX
Comments (type of material being dredged, biological specimens, etc.):
MAterial dredged was MUD and Clay
DEBRIS FOUND IN DRAGHEADS & SCREENS INcluded A tire, WOOD, NETTING, CLOTH, TRASH
ullet
Biological SPECIMENS SEEN: CANNONBIALL JELLYFISH
Bridge Watch Summary
Species # of Sightings # of Animals Comments
Tursiops truncatus 1 Numerous outside CHANNEL
Observer(s) On Duty: Leslie Spraque / Stacle Knight

# ENDANGERD, SPECIES OBSERVER, PROGRAM Dredge RADREV SI AMD IN AMCO Freeport Harbor Entrance - USACE, Galveston District - 1996 DAILY REPORT

Date: 4 / 7	197 L	oads;	12 F	0 # /	88	-
Area(s) Worked:	N a	8°56',	2.95 1	8		
Weather Conditions:	andy,	seas Ca	lyin	41d 5-10	o Kts	
Range of H <sub>2</sub> O Temp	erature: Surfac	20°	F.	Below Mid-D	epth <u>68°</u>	F
Condition of all scre	ening apparatus;	God				
	The state of the s				•	
		V				<del></del>
Are there incidents	involving endar	agered or prote	cted species	? Yes		
				k		
Comments (type of n			-		11175	-2141
Was		Y SAND			MATE	1 -1
	/	, · ·	<u> </u>	·		4 Clay
- DERR	15 FOUN	d 11	SCREA	15 + DR	Aghands	•
	actudeo	1: TRAS	h, Ro		Wood 14	
	•					·
- Biolog	ral SP	Pecies	Seen	: JElly	F154	
		,				
		-				
						<del></del>
					· · · · · · · · · · · · · · · · · · ·	
						<del></del>
		Bridge Wat	ch Summary	!		
Species	# of Sightings	# of Animals	Comments	. /		
15		Numerous	Nea	c. the E	ENd of the	JETTY
	1			/	+	
Observer(s) On Duty:_	Leslie	Strague	/ 51	ace l	Knight	
	•				0	_

## ENDANGERD SPECIES OBSERVER PROGRAM Dredge PADRE ISLAND / NATCO

Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4 1 8 1 97 Loads: # 189 to # 204	
Area(s) Worked: N 28'56', W95° 18'	
Weather Conditions: Cloudy, seas 3-4, Wind 5-10 Kts	
Range of H <sub>2</sub> O Temperature: Surface 69° F Below Mid-Depth 67° F	
Condition of all screening apparatus: Good	
Are there incidents involving endangered or protected species? Yes No	
Comments (type of material being dredged, biological specimens, etc.):	
- MATERIAL DREDGED WAS MOSTLY SAND WITH	
SOME MUD & Clay	·····
- DEBRIS Found in DRAGHEADS + SCREENS Included	10
TRASHINOOD	
- Budan I Sotton Citilla I I	
- Biological SPECIES SEEN: FISH, JElly FISH	
	<del></del>
Bridge Watch Summary	
pecies # of Sightings # of Animals Comments <u>truncatus</u> MANNER CANTSIDE CHANNER	
truncatus MANY OUTSIDE CHANNEL	
oserver(s) On Duty: Stacie Knight / Leslie Sprague	

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4, 19, 197 Loads: # 205 to 210
Area(s) Worked: $\frac{80.56}{95.8}$
Weather Conditions: Cloudy Seas calm, Wind 5-10 Kts
Range of H <sub>2</sub> O Temperature: Surface 71° F Below Mid-Depth 68° F
Condition of all screening apparatus:
Are there incidents involving endangered or protected species? Yes NoX
Comments (type of material being dredged, biological specimens, etc.):
- Material dragged was Mud + clay
- DELAY DUE TO Storboard ENGINE
2:00 = [ ]   ]   ]   [ ]   [ ]
- DEBRIS FOUND IN Dragheads & Screens In cluded & META, Rope, Wood, TRASH
In Cloated o Metal, Rope, would, more
- Biological spaces, observed: FISH (Flounder),
Bridge Watch Summary
Species # of Sightings # of Animals Comments
Observer(s) On Duty: Lesle Sprague / Stacle Knight
Observer(s) On Duty:

Dredge RADRE ISLAND (INATICO)
Freeport Harbor Entrance - USACE, Galveston District - 1996

Date: 4120:197 Loads: #211 through #222
Area(s) Worked: N 28°56' W 95°18'
Weather Conditions: Overcast - PH cloudy, seas calm-3, wind 45 Kts
Range of H <sub>2</sub> O Temperature: Surface 71° = Below Mid-Depth 69° =
Condition of all screening apparatus: GOOD
Are there incidents involving endangered or protected species? YesNo
Made in dead and was 1 1 600 1
Material dredged was mud, clay, & Sand.
Debris found in screening included cloth, clay, wood, plastic, trash, nets, & rope.
- plastic frash, Mets, 170pe.
Biological material included a flounder, unidentified fish,
- Rajellyfish.
No incidents involving endangered protected species
<u> </u>
Bridge Watch Summary
Species # of Sightings # of Animals Comments
Observer(s) On Dury: Leslie Spraque, Stacie Knight

## Dredge RADRE ISLAND IN AMCO Freeport Harbor Entrance - USACE, Galveston District - 1996 DAILY REPORT

Date: 4,21:,97 Loads: #223 Mr. Kough #229
Date: 4,21;,97 Loads: #223 Mrsing h #229  Area(s) Worked: N 28°50' W 95°18
Weather Conditions: PARTLY Cloudy, Seas light chap, wind 10-15-Kt
Range of H <sub>2</sub> O Temperature: Surface 22° F Below Mid-Depth 68° F
Condition of all screening apparatus: Good
Are there incidents involving endangered or protected species? Yes No
Comments (type of material being dredged, biological specimens, etc.):
Material DREDGED WAS MUDISAND, AND CLAY
DEBRIS FOUND IN DRAGHEAD AND SCREENS
INCLUDES & WOOD, TRASH, + Plactic
BIOLOGICAL SPECIES SEEN: SMall FISH, BLUE CRABS, + JElly Fish
BIJE CKABS, + JElly FISH
NO INCIDENTS LANDHUM ENLANDED AND Protected
NO INCIDENTS involving ENdangered or Protected
Bridge Watch Summary
Species # of Sightings # of Animals Comments
Observer(s) On Dury: Leslie Spraque, Stacie Knight
, ,

Dredge PADRE ISLAND / NATCO
Freeport Harbor Entrance - USACE, Galveston District - 1996

#### **WEEKLY SUMMARY**

Dates: 4, 14, 97 - 4, 21, 97 Loads: # 127 to # 229
Dates: 4/14/97 - 4/21/97 Loads: # 127 to # 229  Range of H <sub>2</sub> O Temperature: Surface 72° to 61° F Below Mid-Depth 69° to 66° F  Area(s) Worked: N28° 56′ W 95° 18′
Are there incidents involving endangered or protected species? Yes NoX
Comments:MATERIAL DREDGED Was MOSTLY MUN +Clay WITH Some SAND.
DEBRIS FOUND IN DRAGHEAD AND SCREENS INCluded: Wood, TRASH, Plastic, Nets Rope
Biological SPECIMENT INCLUDE: FISH, JEHYFISH, Blue CRAB
NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES
Bridge Watch Summary  Species # of Sightings # of Animals Comments  Laugealus & Numerous Often New EVD OF JETTIES
Observers On Duty: Laslie Sprague / Stacie Knight